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The need for eID

eID is a key building block for:

- **eGovernment**
- **eHealth care**
- **Mobility, work and residence**
- **Social security**
- **Banking and financial transaction**
- **Public transport**
- **Border control, law enforcement**
- **Physical access**
- **Single sign on**

Present status of eIDM

- ✓ 75- 85 % of Member States use some form of PKI
- ✓ 28 Member States issue some form of ID card (88%)
- ✓ 8 issue already an eID card
- ✓ 14 more Member States are preparing eID cards for future roll-out
- ✓ Little use of biometrics yet

Austria 9 M

Belgium 5 M

Estonia 1.1 M

Finland 100 K

Italy 2 M+9.3M

Portugal < 100 K

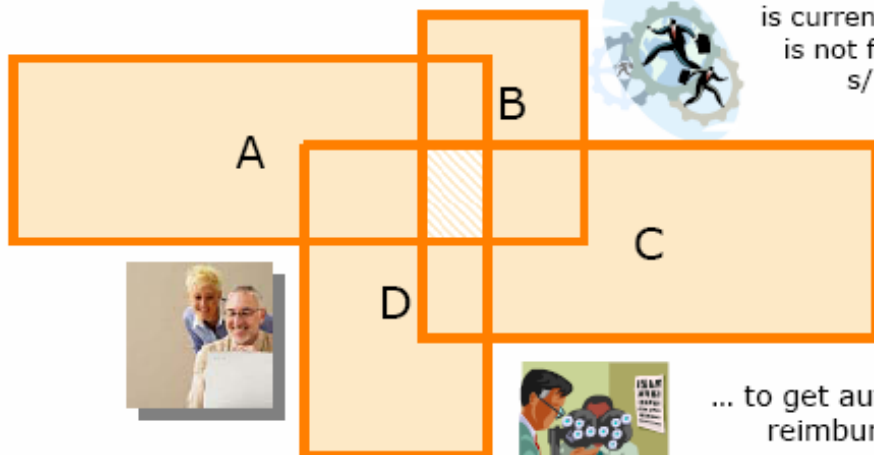
Spain > 1M

Sweden 100 K



- **Establishment of an electronic proof of identity in Europe, that allows citizens to be recognised and treated all across the EU, as if they were in their home country interacting with national public and private institutions.**

A citizen living in Country A will be able with the eID...



... to make the **tax declaration on line** in country B where s/he is currently working (**Country B** is not far from **Country A** so s/he is commuting)



... to get the **pension rights** from **Country D** (where s/he was working before for some years) on line

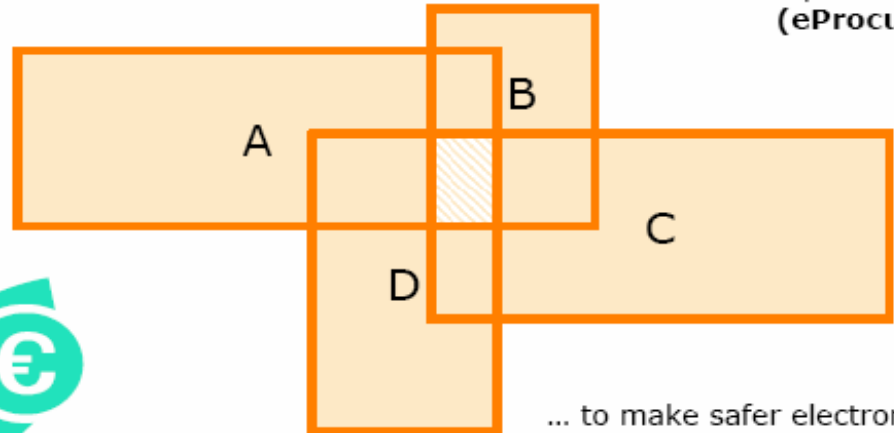


... to get automatic and paperless reimbursement of **health expenses** incurred during the holidays in **Country C**



18-19 October 2007 Grosseto, Italy

A business established in Country A will be able with the eID...



... to participate electronically in public tenders published in country B (**eProcurement**)



... to get the repayment and refund of VAT expenditures in **Country D** more easily (eID key enabler of the future pan-EU VAT « one-stop-shop »)



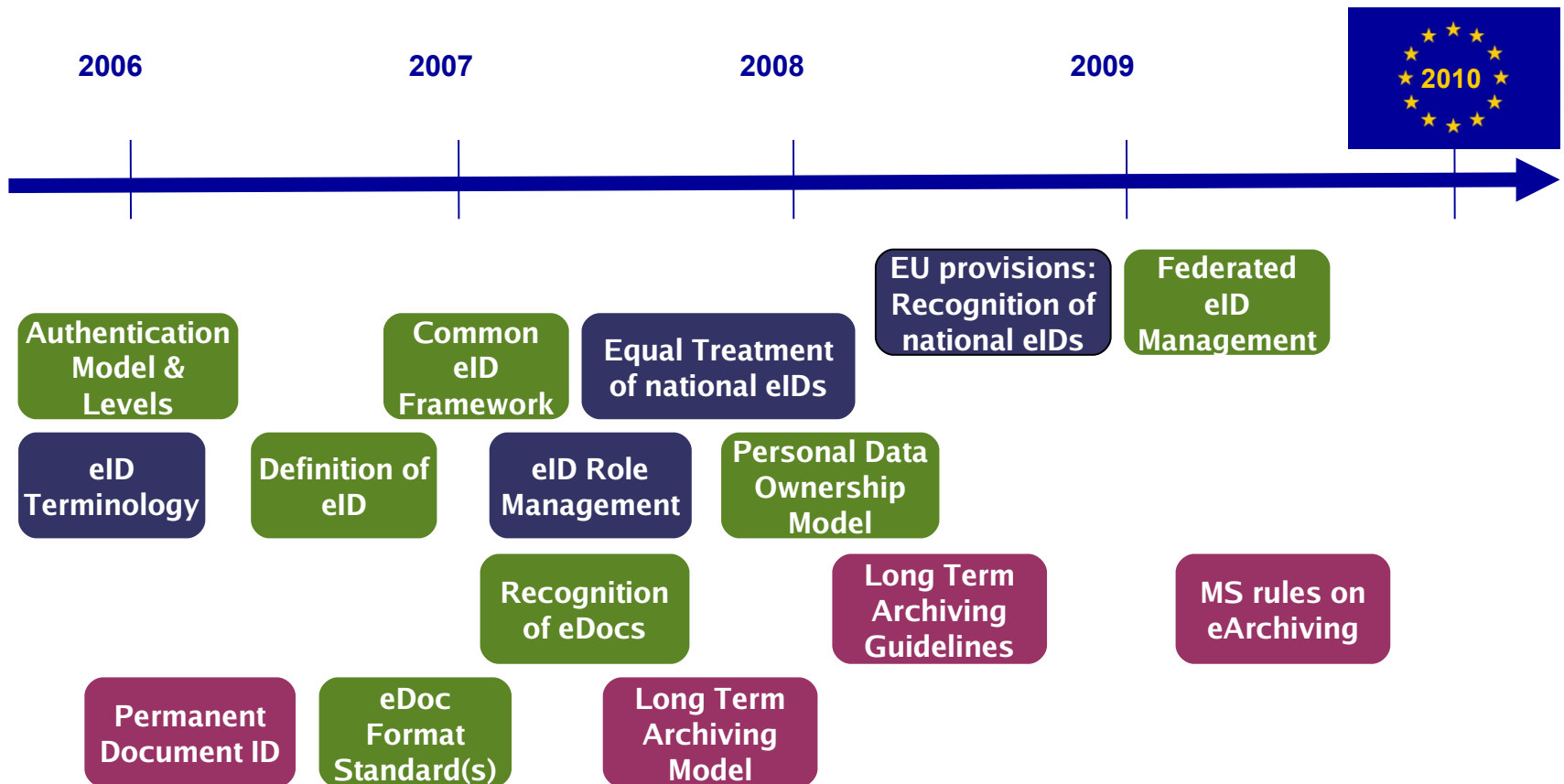
... to make safer electronic transactions with clients and suppliers in **Country C** (**eCommerce**)

- *By 2010 European citizens and businesses shall be able to benefit from **secure means of electronic identification** that maximise user convenience while respecting data protection regulations. Such means shall be made available under the responsibility of the Member States but **recognised across the EU**.*
- *By 2010 Member States will have agreed a framework for reference to and where appropriate the use of authenticated electronic documents across the EU, as appropriate in terms of necessity and applicable law.*

Roadmap for EU eIDM

2006	Roadmap setting measurable objectives and milestones for a European eIDM framework by 2010 based on interoperability and mutual recognition of national eIDM.
2007	Agree common specifications for interoperable eIDM in the EU.
2008	Large scale pilots of interoperable eIDMs in cross-border services and implementing commonly agreed specifications.
2009	eSignatures in eGovernment: Undertake review of take-up in public services.
2010	Review the uptake by the Member States of the European eIDM framework for interoperable eIDMs.

Roadmap for EU eIDM



Large scale pilot on eIDM

- ✓ **ICT-PSP call for proposals for eIDM large scale pilot: Call open from 23rd May 07; closing on 23rd October 2007.**
- ✓ **Evaluation: November 07**
- ✓ **Negotiation with one successful proposal (Feb 08)**
- ✓ **Expected start of the pilot: April 08**
- ✓ **LSP should deliver open, common interoperable solution with results widely disseminated and available to all Member States**
- ✓ **Pilot must have critical mass, participation and commitment from 6 to 10 or more MS**
- ✓ **Envisioned participants: National administrations, service providers, Industry and users participation**
- ✓ **Proven interoperability across MS and across domains for a 1 year period**
- ✓ **50 % financial support, 10 Million €**

World wide deployment of eID

- **US: PIV Federal Employees card**
- **South America: many projects in different countries**
- **Africa, well on its way**
- **Middle East: Oman, VAR, etc**
- **Far East: Japan, Malaysia, Thailand, Korea, etc**
- **Large players: India, China (600 mill deployed)**